

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S21 2	2446	(human-machine adj interface) or (human adj machine adj interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:36
S21 3	1226	(human-machine adj interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 10:46
S21 4	2446	(human-machine adj interface) or (human adj machine adj interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 10:46
S21 5	351	S214 navigation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 10:46
S21 6	120	S215 and node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 13:30
S21 7	293	700/20.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:33
S21 8	1419	700/83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:45
S21 9	369	715/514.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:36

## EAST Search History

S22 0	625	715/854.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:37
S22 1	979	715/854.ccls. or 715/514.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:37
S22 2	2643	715/854.ccls. or 715/514.ccls. or 700/83.ccls. or 700/20.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:37
S22 3	67	S222 and (HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:40
S22 4	1	S223 and node.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:39
S22 5	3751	(HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 12:17
S22 6	111	S225 and node.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 15:45
S22 7	11	S226 and hierarch\$6.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 16:24

## EAST Search History

S22 8	14	HMI adj editor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 16:42
S22 9	90	(HMI adj editor) or (Human Machine Interface adj editor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 16:43
S23 0	14	(HMI adj editor) or (Human adj Machine adj Interface adj editor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 16:44
S23 1	14	(HMI adj editor) or ((Human adj Machine adj Interface) adj editor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 17:14
S23 2	49	((HMI adj editor) or ((Human adj Machine adj Interface) adj editor) or (man adj machine adj interface)) and (user adj screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 17:20
S23 3	10	((HMI adj editor) or ((Human adj Machine adj Interface) adj editor) or (man adj machine adj interface)) and (user adj screen) and hierarch\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 17:36
S23 4	5	09/607369	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/01 17:22
S23 5	12	((HMI adj editor) or ((Human adj Machine adj Interface) adj editor)) and hierarch\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 11:29

## EAST Search History

S23 6	14	((HMI adj editor) or ((Human adj Machine adj Interface) adj editor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 11:30
S23 7	12	((HMI adj editor) or ((Human adj Machine adj Interface) adj editor)) and hierarch\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 11:45
S23 8	10	S237 and zoom\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 11:30
S23 9	59	((HMI) or (Human adj Machine adj Interface)) and hierarch\$7 and zoom\$5 and (render or supply or provide or furnish or yield or return or give, or deliver or depict or show or display)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 12:16
S24 0	249	(HMI or (Human adj Machine adj Interface)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:08
S24 1	14	(HMI or (Human adj Machine adj Interface)).ti. and node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 12:19
S24 2	12	(HMI or (Human adj Machine adj Interface)).ti. and hierarc\$10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:33
S24 3	35	(HMI or (Human adj Machine adj Interface)).ab. and hierarc\$10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:25

## EAST Search History

S24 4	12	S243 and leaf and node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:07
S24 5	3	S243 and leaf and node zoom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:08
S24 6	291	(715/771).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:40
S24 7	20	(715/771).ccls. and (715/763).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:57
S24 8	14	(715/771).ccls. and (715/762).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:03
S24 9	3	(715/771).ccls. and (715/762).ccls. and hierarch\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 13:58
S25 0	6	("5301301"   "5592600"   "6054986"   "6437805"   "6449624"   "6593947").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/05 14:21
S25 1	362	(HMI or (Human adj Machine adj Interface)) and hierarc\$10 and specification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:48
S25 2	14	(HMI or (Human adj Machine adj Interface)) and hierarc\$10 and (specification near user)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:33

## EAST Search History

S25 3	362	(HMI or (Human adj Machine adj Interface)) and hierarc\$10 and (specification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:33
S25 4	33	("5042002" "5093794" "5377309" "5398336" "5412756" "5548756" "5787438" "5815539" "5911143" "5920711" "5943675" "6028819" "6081750" "6108662" "6157864" "6161051" "6167406").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:35
S25 5	17	("5042002" "5093794" "5377309" "5398336" "5412756" "5548756" "5787438" "5815539" "5911143" "5920711" "5943675" "6028819" "6081750" "6108662" "6157864" "6161051" "6167406").pn.	US-PGPUB; USPAT	OR	ON	2006/06/05 14:38
S25 6	4	S255 and zoom	US-PGPUB; USPAT	OR	ON	2006/06/05 14:41
S25 7	22	providing screen navigation editor linked hierarch\$9 HMI screen node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:48
S25 8	33	providing screen navigation editor hierarch\$9 (HMI or (Human adj Machine adj Interface)) screen node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 14:49
S25 9	33	providing screen navigation editor hierarch\$9 (HMI or (Human adj Machine adj Interface)) node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:01
S26 0	11	providing screen editor hierarch\$9 (HMI or (Human adj Machine adj Interface)) (root adj node) specification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:06
S26 1	475	(715/762).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:03

## EAST Search History

S26 2	1	providing screen editor hierarch\$9 (root adj node) (specification near (HMI or (Human adj Machine adj Interface)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:06
S26 3	1	providing editor hierarch\$9 (root adj node) (specification near (HMI or (Human adj Machine adj Interface)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:07
S26 4	1	editor hierarch\$9 (root adj node) (specification near (HMI or (Human adj Machine adj Interface)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:07
S26 5	1	hierarch\$9 (root adj node) (specification near (HMI or (Human adj Machine adj Interface)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 11:33
S26 6	11	editor hierarch\$9 (root adj node) specification (HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:36
S26 7	3	editor hierarch\$9 (root adj node) (specification or Specify) with (HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:35
S26 8	4	editor hierarch\$9 (root adj node) (specification or Specify) SAME (HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:36
S26 9	1	editor hierarch\$9 ((specification or Specify) SAME (root adj node)) (HMI or (Human adj Machine adj Interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:37

## EAST Search History

S27 0	82	(715/771).ccls. and node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:40
S27 1	18	S270 and root	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:38
S27 2	11	S271 and specification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 15:39
S27 3	87	(715/771).ccls. and hierarch\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:01
S27 4	21	(715/771).ccls. and hierarch\$9 root	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:01
S27 5	4	(HMI or (Human adj Machine adj Interface)).ti. and hierarchically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:10
S27 6	12	(HMI or (Human adj Machine adj Interface)).ti. and hierarch\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:26
S27 7	276	hierarch\$9 (root adj node) editor navigation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:28



## EAST Search History

S27 8	270	S277 and interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:28
S27 9	70	S278 industrial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:29
S28 0	2	"6618856".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:33
S28 1	4492	hierarch\$9 (root adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:37
S28 2	2593	S281 and specification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 17:20
S28 3	1960	S282 relationship	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:41
S28 4	990	S283 arrangement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:51
S28 5	18	S281 and 715/762.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 17:03

## EAST Search History

S28 6	3	S284 and 715/762.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 16:53
S28 7	1	715/853.ccls. 715/854.ccls. 715/771.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 17:04
S28 9	18	Specify adj root adj node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/05 17:22
S29 1	10	zoom and HMI adj editor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 14:28
S29 2	117	zoom and (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:26
S29 3	17	second adj screen and (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:27
S29 4	17	(second adj screen) and (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:49
S29 5	714	700/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:36

## EAST Search History

S29 6	1	700/204.ccls. 700/15-17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:36
S29 7	921	700/204.ccls. or 700/15-17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:36
S29 8	856	button and (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:50
S30 0	1	two adj (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:52
S30 1	4	first adj (Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:53
S30 2	2456	(Human adj Machine adj Interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 16:01
S30 3	3	S302 (screen adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:54
S30 4	561	S302 node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:54

## EAST Search History

S30 5	439	S302 node link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:54
S30 6	140	S302 node same link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:56
S30 7	66	S306 and hierarch\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 15:56
S30 9	213	(Human adj Machine adj Interface) and editor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 16:02
S31 1	95	(Human adj Machine adj Interface) and navigating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:37
S31 2	354	(Human adj Machine adj Interface) and navigation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:37
S31 3	228	S312 and links	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:37
S31 4	58	S312 and linking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:40

## EAST Search History

S31 5	34	S314 and edit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/07 17:40
S31 6	1	hierarch\$9 (root adj node) (specification near (HMI or ((human-machine adj interface) or (human adj machine adj interface))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 11:34
S31 7	30	hierarch\$9 (root adj node) (specification SAME (HMI or ((human-machine adj interface) or (human adj machine adj interface))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 12:19
S31 8	305	hierarch\$9 specification and (HMI or (human-machine adj interface) or (human adj machine adj interface)) link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 12:22
S31 9	40	hierarch\$9 specification and (HMI or (human-machine adj interface) or (human adj machine adj interface)) SAME link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 12:22
S32 0	23	hierarch\$9 specification and (HMI or (human-machine adj interface) or (human adj machine adj interface)) WITH link	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 14:06
S32 1	1	"6268853".PN.	USPAT; USOCR	AND	ON	2006/06/08 14:02
S32 2	1	"5119318".PN.	USPAT; USOCR	AND	ON	2006/06/08 14:02
S32 3	1	"5369570".PN.	USPAT; USOCR	AND	ON	2006/06/08 14:02
S32 4	1	"5841656".PN.	USPAT; USOCR	AND	ON	2006/06/08 14:03
S32 5	1	"5956728".PN.	USPAT; USOCR	AND	ON	2006/06/08 14:03
S32 6	1	"6268853".PN.	USPAT; USOCR	AND	ON	2006/06/08 14:04

## EAST Search History

S327	167	creat\$5 WITH (HMI or (human-machine adj interface) or (human adj machine adj interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 14:26
S328	59	S327 and hierarc\$10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 14:22
S329	56	(HMI or (human-machine adj interface) or (human adj machine adj interface)) adj screen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 15:05
S330	2	"6618856".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 15:07
S331	4	2002/0120921	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 15:07
S332	2	"20020120921".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 16:17
S333	2	"6421571".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/08 16:17